

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jerrell Hein
 Title: RECONFIGURABLE TERMINAL
 Application No.: 10/675,529 Filed: September 30, 2003
 Examiner: Richard B. Franklin Group Art Unit: 2181
 Atty. Docket No.: 026-0036 Confirmation No.: 6093

March 21, 2008

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**RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF
 (37 C.F.R. § 41.37)**

This paper is responsive to the Notification of Non-Compliant Appeal Brief mailed on March 17, 2008, having a period for response set to expire April 17, 2008. Applicant respectfully submits the attached SUMMARY OF CLAIMED SUBJECT MATTER as a replacement for the SUMMARY OF CLAIMED SUBJECT MATTER included in the Appeal Brief filed on November 28, 2007. While Applicant believes the original SUMMARY OF CLAIMED SUBJECT MATTER complies with the requirements of 37 CFR § 41.37(c)(1)(v) to provide a concise explanation of the independent claims on appeal, Applicant has revised the SUMMARY OF CLAIMED SUBJECT MATTER to increase the brevity of the explanation. Applicant believes that the updated Appeal Brief complies with 37 C.F.R. § 41.37. Consideration of the updated Appeal Brief is respectfully requested.

Any fees required by this paper are being provided as directed in an electronic submission of this paper or in a transmittal letter accompanying this paper. However, the Commissioner is hereby authorized to charge any deficiency in fees required by this paper and any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

SUMMARY OF CLAIMED SUBJECT MATTER

The independent claims involved in this appeal are claims 1, 10, 11, and 19. Independent claim 1 is directed to an apparatus including a terminal (see e.g., P2 Port 82, see Fig. 4 and accompanying description, page 7, line 21-page 8, line 18). The apparatus includes control circuitry coupled to the terminal to permanently convert the terminal from a first mode of operation in which serial communications are received over the terminal into a second mode of operation in which the terminal functions to selectively enable an output according to a voltage value on the terminal (see e.g., control circuit 30, see Fig. 4 and accompanying description, page 6, lines 4-6; page 7, line 16-page 9, line 30). The control circuit is responsive to a communication received over the terminal to convert the terminal to the second mode of operation (see e.g., page 6, lines 4-6, page 7, line 21-page 8, line 18).

Independent claim 10 is directed to an apparatus including a terminal (see e.g., P2 Port 82, see Fig. 4 and accompanying description, page 7, line 21-page 8, line 18). The apparatus includes control circuitry coupled to the terminal to permanently convert the terminal from a first mode of operation in which serial communications are received over the terminal into a second mode of operation in which the terminal functions to selectively enable an output according to a voltage value on the terminal (see e.g., control circuit 30, see Fig. 4 and accompanying description, page 6, lines 4-6; page 7, line 16-page 9, line 30). The apparatus includes a second terminal that functions as a dedicated programmable input/output terminal over which serial communications and a calibration clock are received, the second terminal not being convertible into a dedicated input control for an output enable function (see e.g., P1 Port 81, see Fig. 4 and accompanying description, page 7, line 17-page 8, line 18).

Independent claim 11 is directed to a method including utilizing a terminal in a first mode of operation in which serial communications are received over the terminal (see e.g., P2 Port 82, see Fig. 4 and accompanying description, page 7, line 21-line 28). The method includes subsequently permanently converting the terminal to a second mode of operation in response to a received command, in which the terminal functions as an input control for selectively enabling an output according to a value of terminal voltage, the second mode of operation permanently

disabling the first mode of operation (see e.g., P2 Port 82, see Fig. 4 and accompanying description, page 7, line 28-page 8, line 18).

Independent claim 19 is directed to an apparatus including a terminal (see e.g., P2 Port 82, see Fig. 4 and accompanying description, page 7, line 21-page 8, line 18). The apparatus also includes a means for permanently converting the terminal (see e.g., control circuit 30 and NVM 60, see Fig. 4, and accompanying description, page 7, line 30-page 8, line 18) from a first mode of operation in which serial communications are received over the terminal into a second mode of operation in which the terminal functions as a control input to selectively enable an output according to a voltage value on the terminal (see e.g., page 7, lines 30-32; page 8, line 29-page 9, line 30). The means for permanently converting is responsive to a serial communication received over the terminal to convert the terminal to the second mode of operation (see e.g., page 7, line 30-page 8, line 18).

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3/21/08
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